

**Industrial confidentiality**

## PRODUCT SPECIFICATION

Product code: Polarization Maintaining PCF Fiber IXF-PM-PCF-7-80

	Parameter	Value	Unit
1	Cladding diameter	80 +/- 0.5	µm
2	Core diameter	7.7 +/- 0.3	µm
3	MFD @ 1550 nm (slow axis)	5 +/- 0.5	µm
4	MFD @ 1550 nm (fast axis)	8 +/- 0.5	µm
5	Core material	F300 silica	
6	Coating diameter	170 +/- 5	µm
7	Coating material	Dual coat acrylate	
8	Background losses @1310 nm	< 5	dB/km
9	Background losses @1550 nm	< 2.5	dB/km
10	Group Birefringence @ 1550 nm	3.0 x 10 <sup>-4</sup>	

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*Specifications are subject to change without notice*

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